

TWIST DRILL FOR DRILLING WITH A COUNTERSINK CUTTING ARRANGEMENT, AND A CUTTING TOOL WITH A COUNTERSINK CUTTING ARRANGEMENT, AND A CUTTING-CHAMFERING TOOL

ABSTRACT OF THE DISCLOSURE

A twist drill or drill/chamfer tool that comprises a drill (1) with a shaft section (2) that is provided with a twisted flute, and a clamping ring (4) as the retainer of a facing cutter (5). Said clamping ring tubularly encloses the shaft section (2) or the drill shaft (30) and can be fixed thereon in different axial adjustable positions. The clamping ring (4) can be tensioned on the drill (1) by means of tension screws (6) that extend therethrough substantially radially to the axis (7) of the drill. The tension screws (6) impinge the surfaces of the twisted flutes (9, 10) which are enclosed by the clamping ring (4) indirectly with a clamping shoe (19, 20) that is interposed in a twisted flute (9, 10).